

| Clade | Haplotype | Position | | | | | | | | | | | | | | Frequency |
|-------|-----------|----------|----|----|----|----|----|----|----|----|----|----|----|----|----|-----------|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | |
| A | 1 | CCC | GG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | 1 |
| | 2 | CCC | GG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | 16 |
| | 3 | CCC | GG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | 1 |
| | 4 | CCC | AT | GT | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | 1 |
| B | 5 | CCC | AT | GT | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | 9 |
| | 6 | CCC | AT | GT | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | 1 |
| | 7 | CCC | AT | GT | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | 1 |
| | 8 | CCC | AT | GT | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | 1 |
| | 9 | CCC | AT | GT | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | 2 |
| | 10 | CCC | AT | GT | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | 2 |
| | 11 | CCC | AT | GT | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | 7 |
| | 12 | CCC | AT | GT | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | 2 |
| | 13 | CCC | AT | GT | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | 1 |
| | 14 | CCC | AT | GT | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | CG | 1 |

FIGURE 1

| Clade | Haplotype | 837 | 1940 | 2313 | 2973 | 3063 | 3402 | 3514 | 3600 | 4054 | 4946 | 5329 | 5515 | 6118 | 6196 | Frequency |
|-------|-----------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-----------|
| A | 1 | C | G | A | C | G | G | G | T | T | T | G | T | A | G | 18 |
| | 2 | C | A | A | C | G | G | G | T | T | T | G | T | A | G | 1 |
| | 3 | C | G | A | C | G | G | A | T | T | T | G | T | A | G | 1 |
| | 4 | C | G | A | C | G | G | G | C | T | T | A | T | A | G | 1 |
| B | 5 | G | G | A | C | G | G | G | T | T | T | G | T | G | G | 8 |
| C | 6 | C | G | A | T | A | C | G | T | C | C | G | C | A | C | 16 |
| | 7 | C | G | C | T | A | C | G | T | C | C | G | C | A | C | 1 |

FIGURE 2

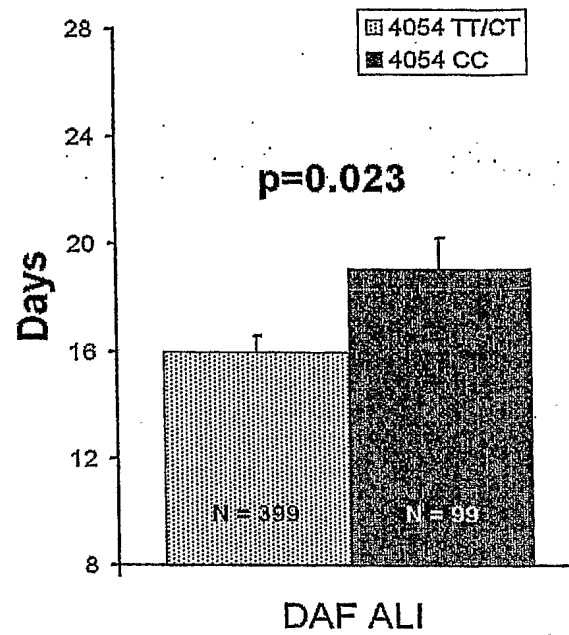


FIGURE 3A

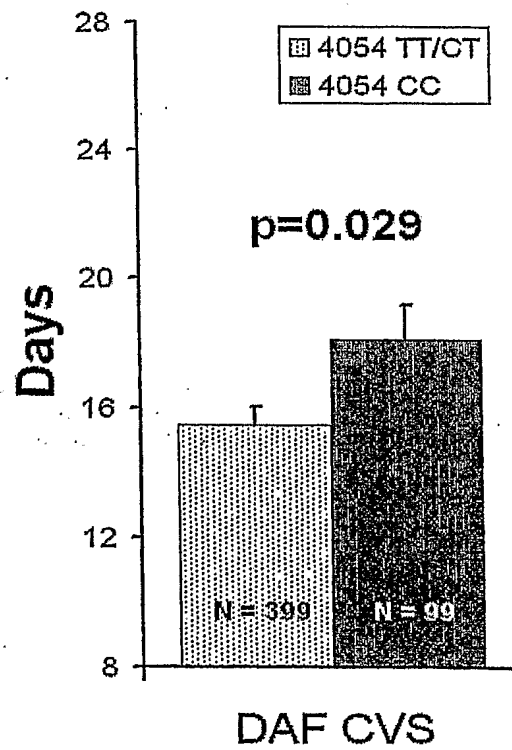


FIGURE 3B

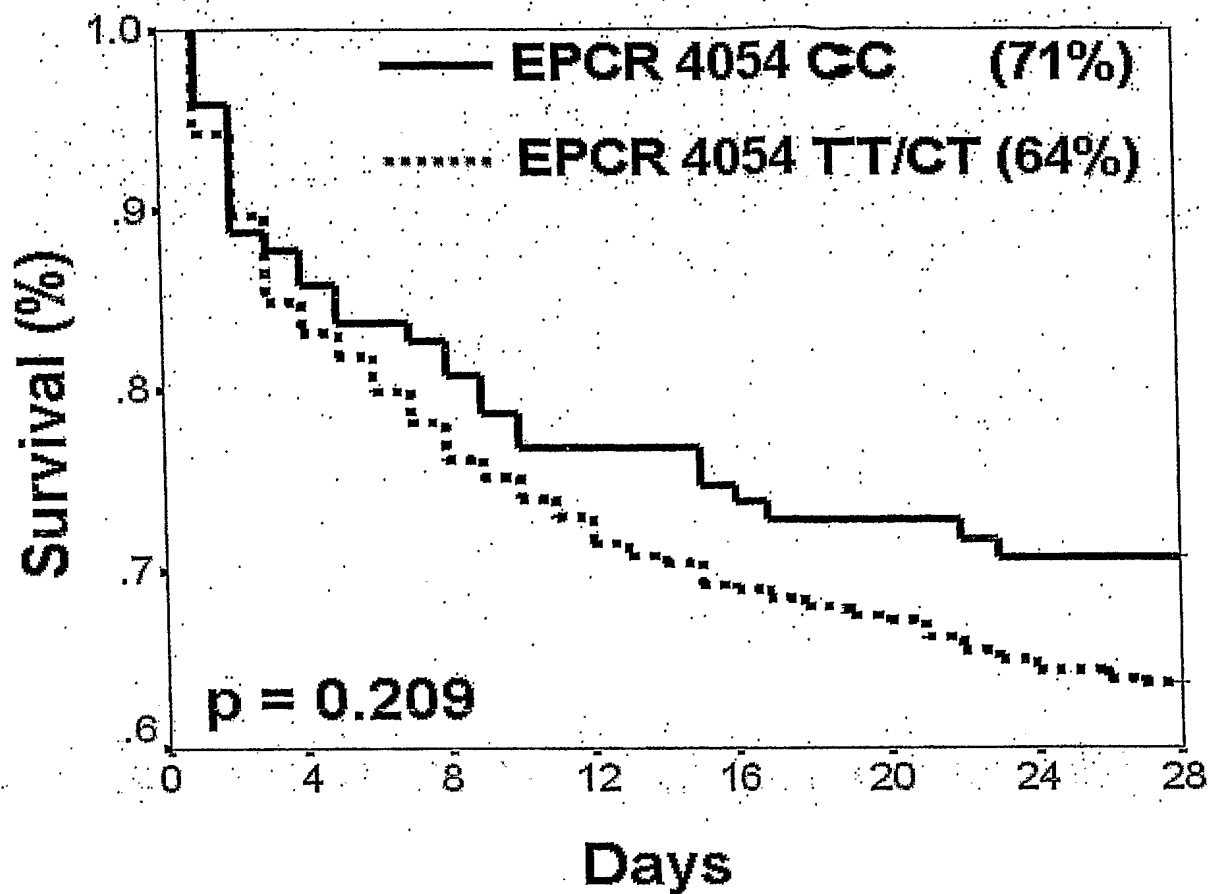


FIGURE 4

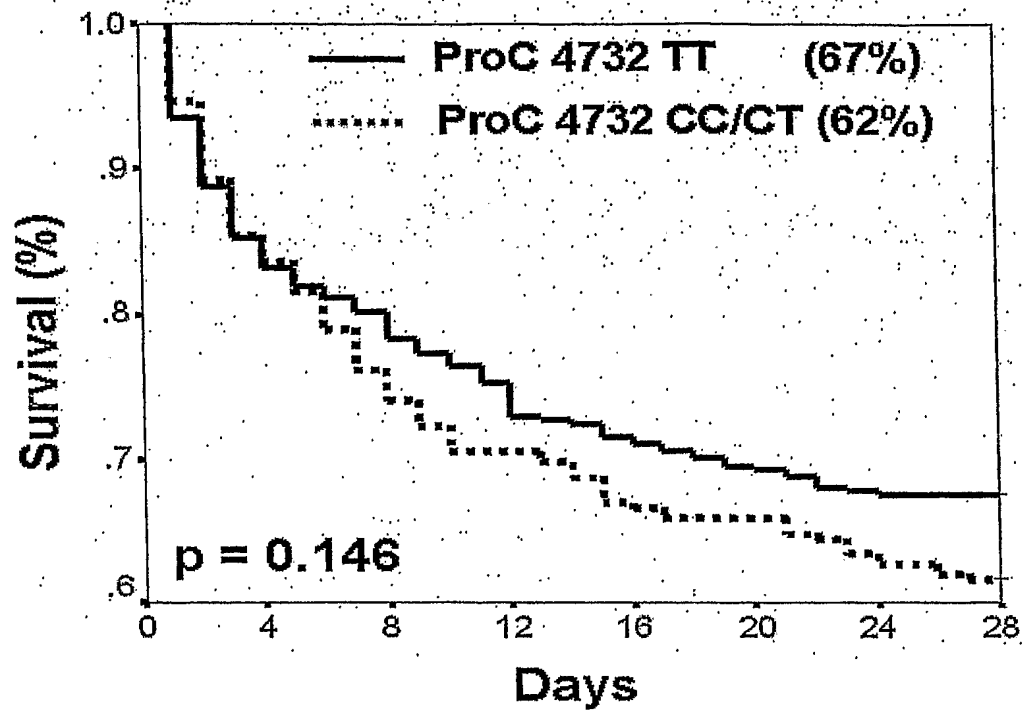


FIGURE 5A

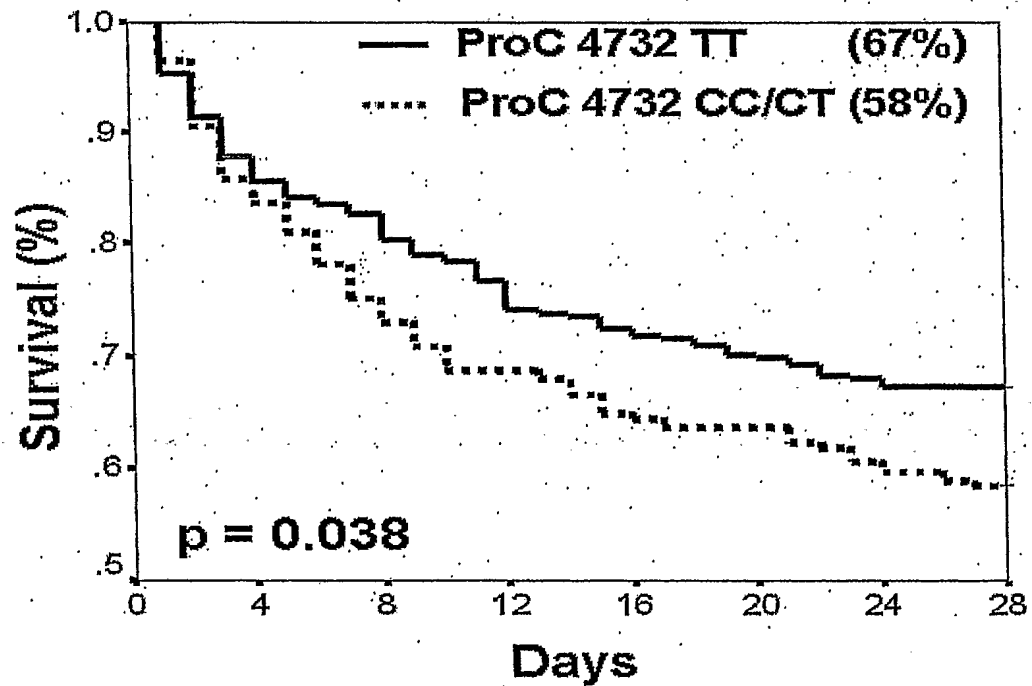


FIGURE 5B

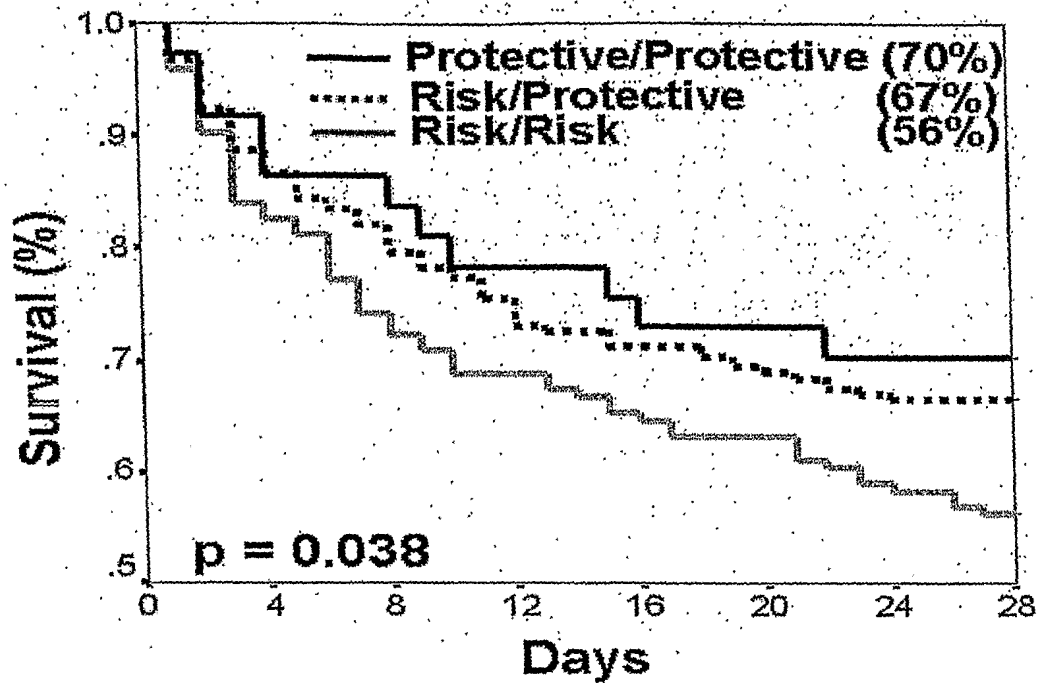


FIGURE 6A

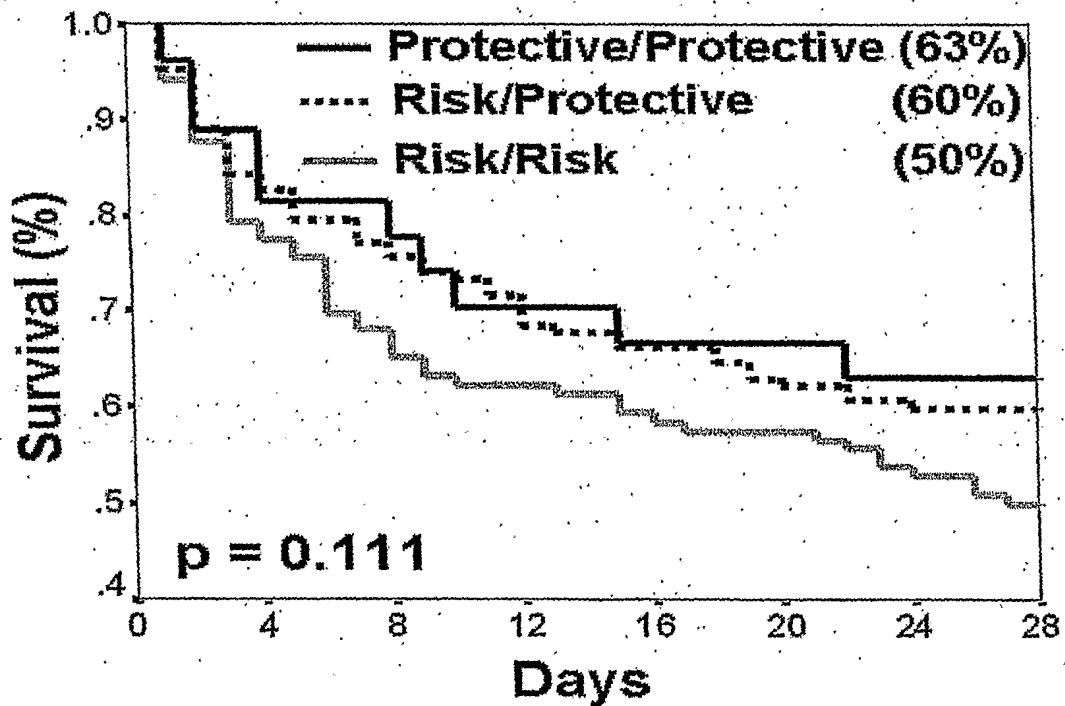
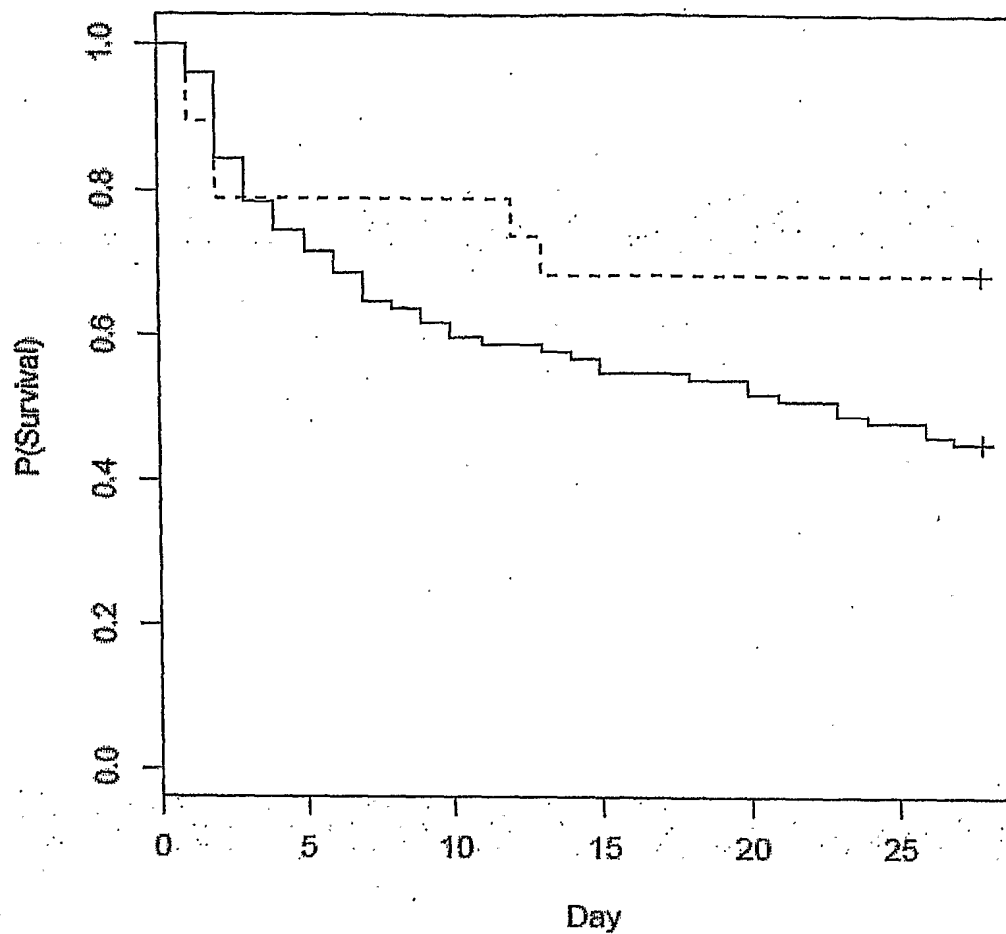
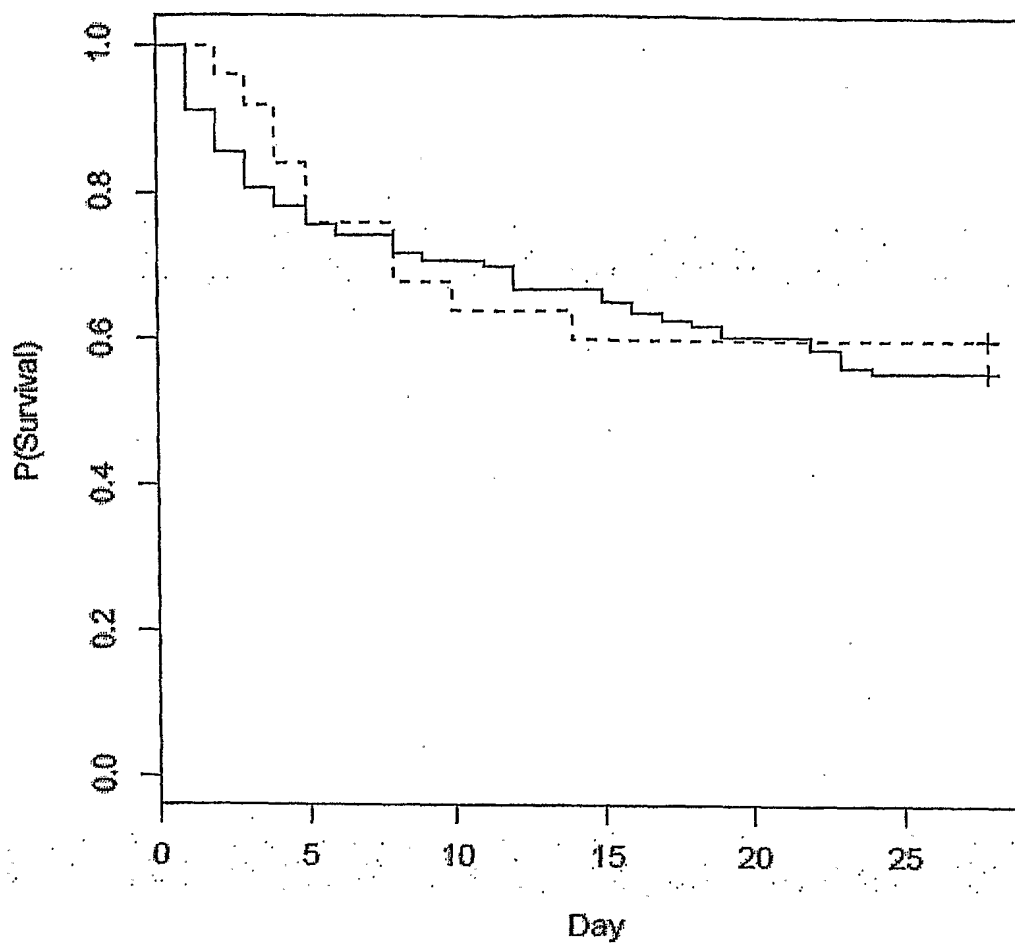
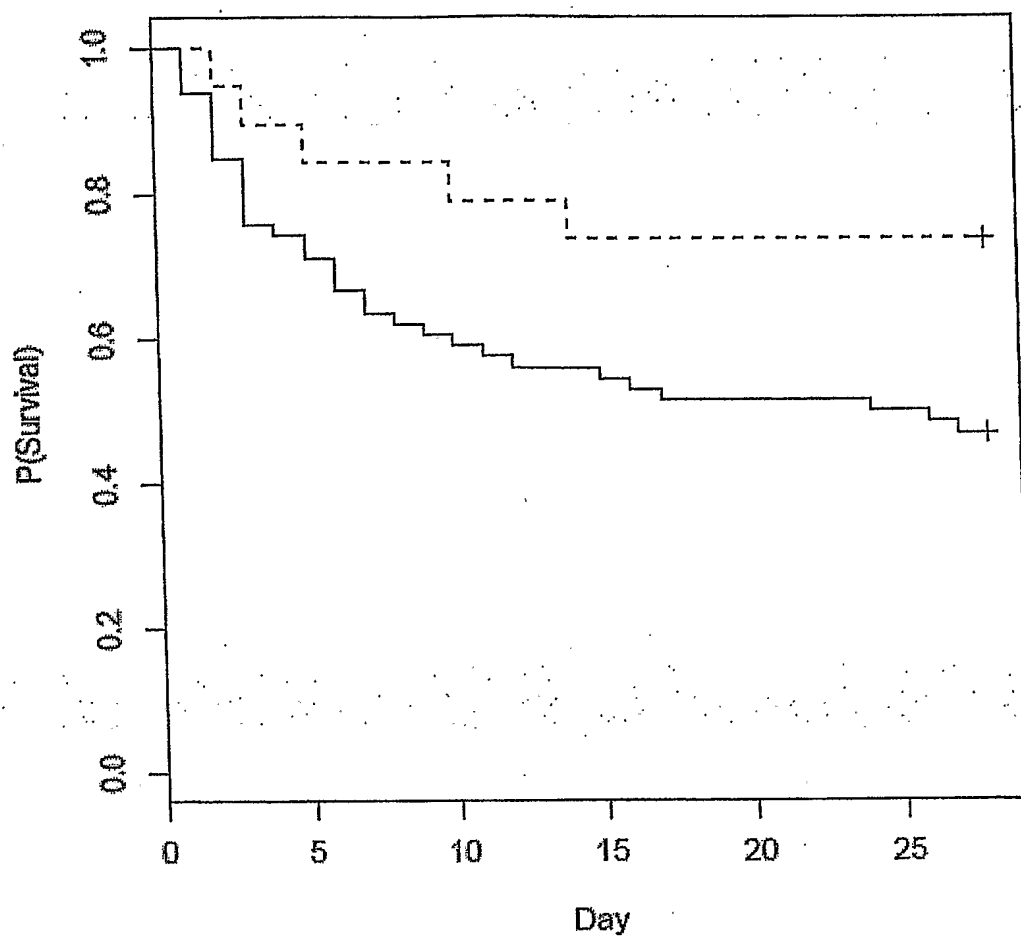
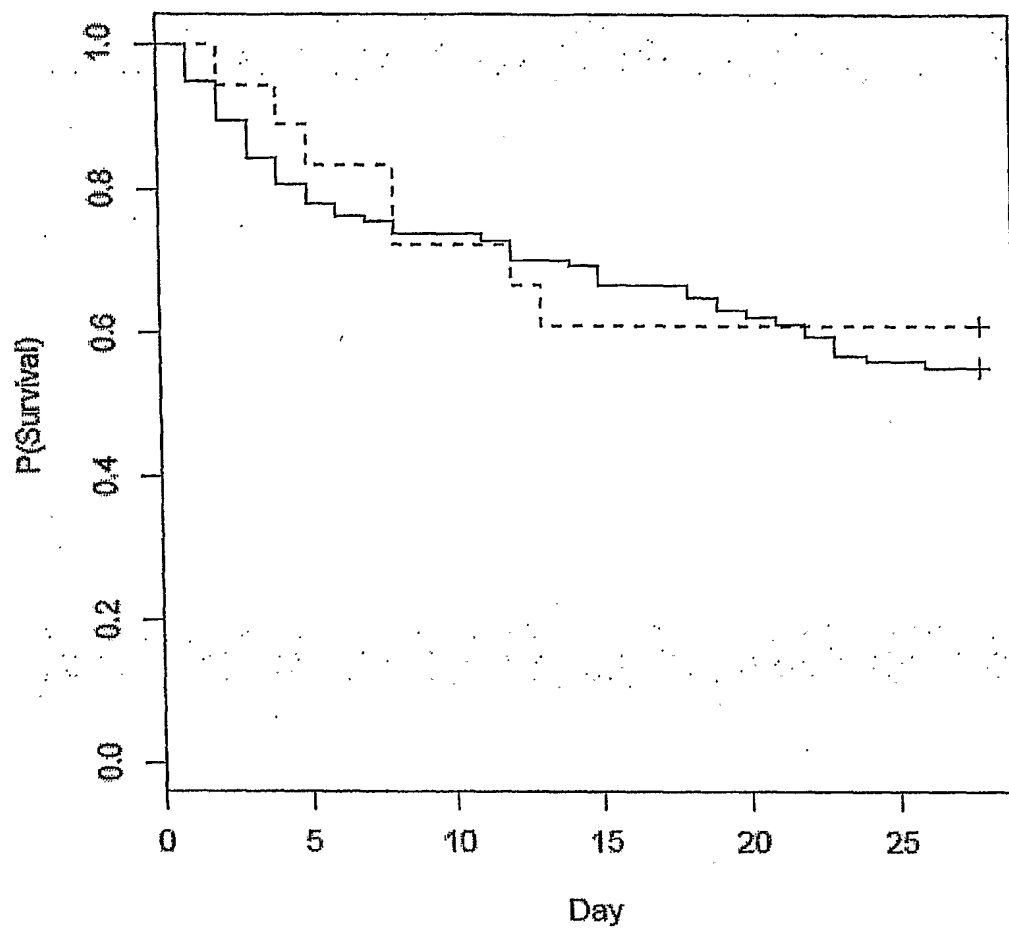


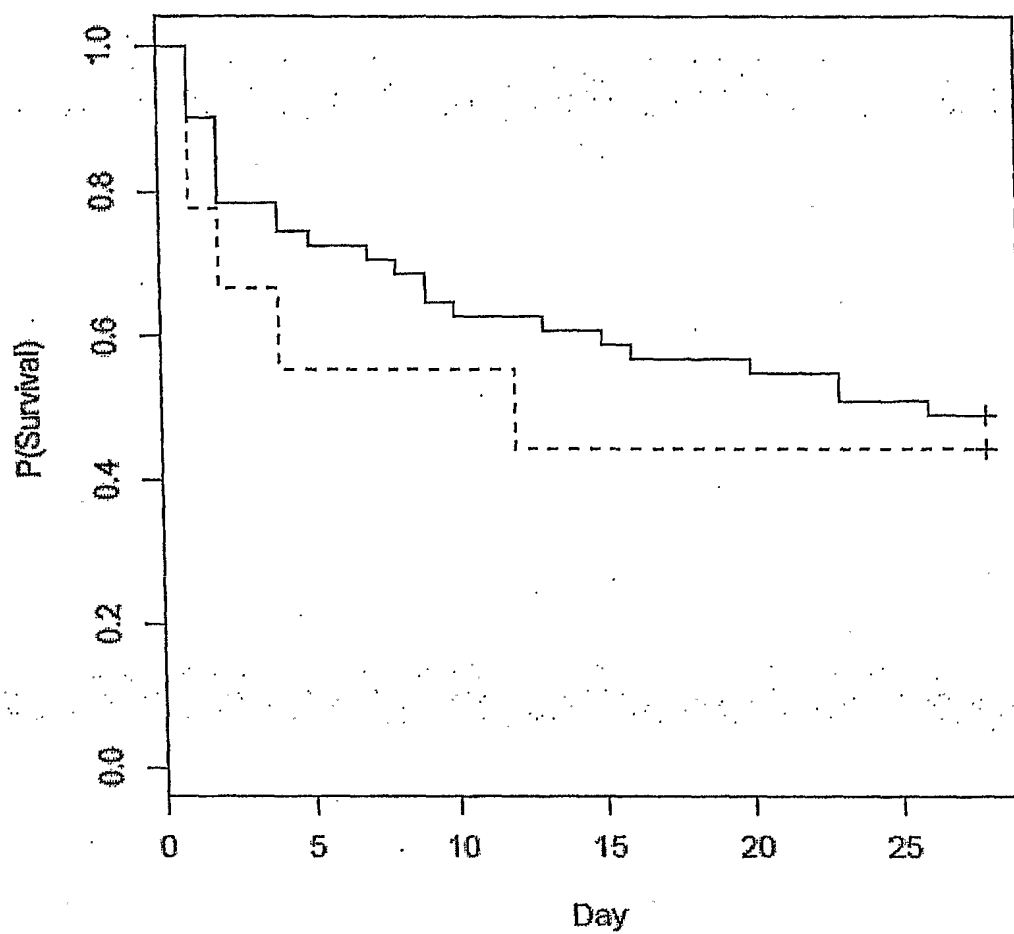
FIGURE 6B

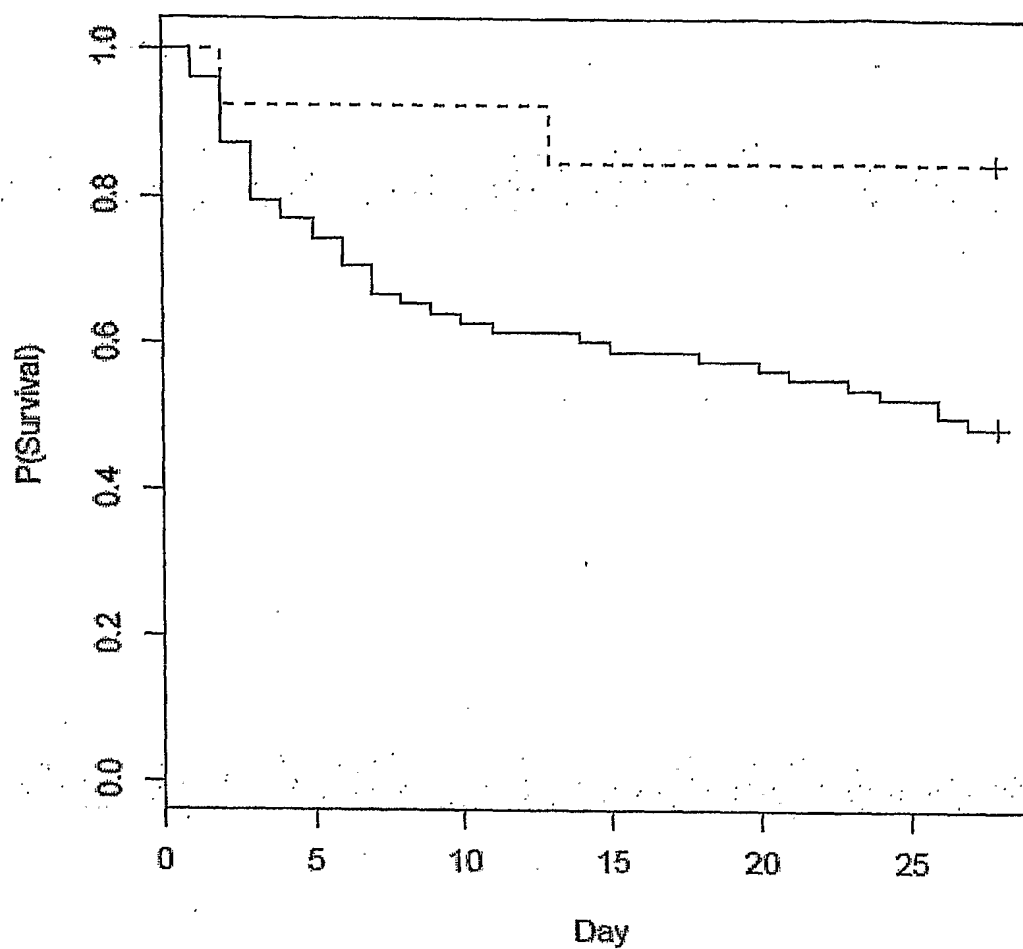
**FIGURE 7**

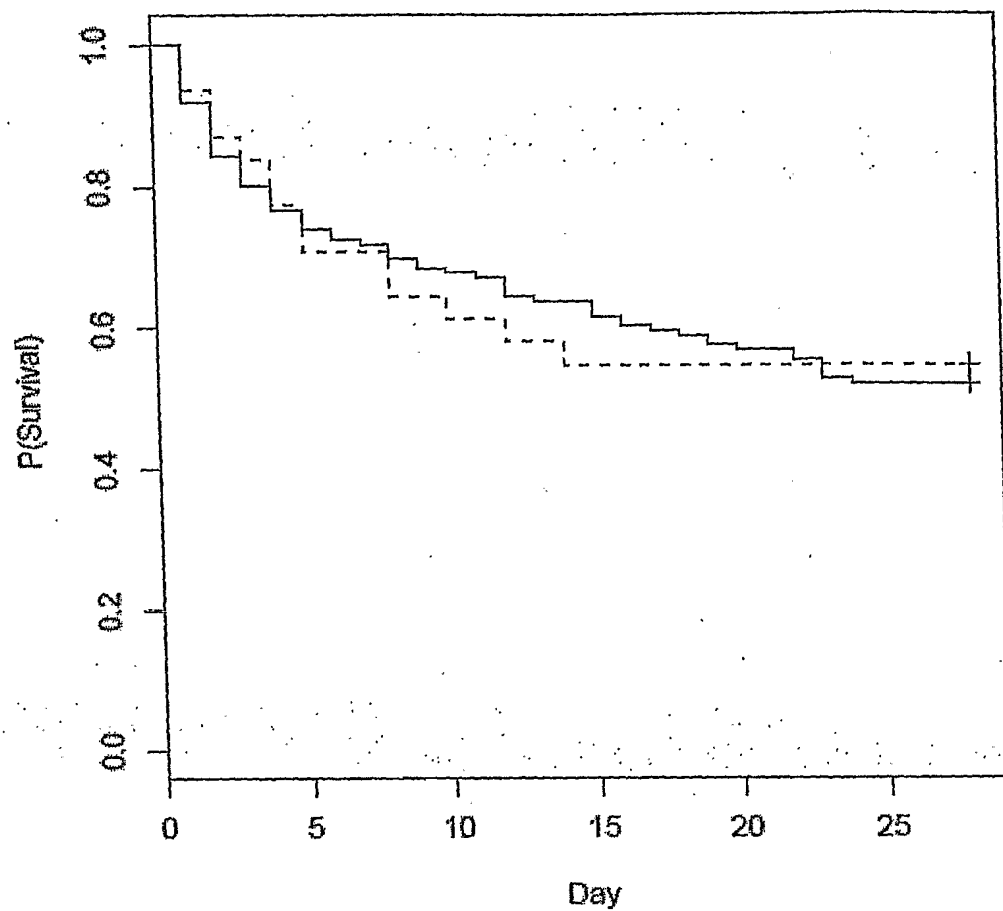
**FIGURE 8**

**FIGURE 9**

**FIGURE 10**

**FIGURE 11**

**FIGURE 12**

**FIGURE 13**

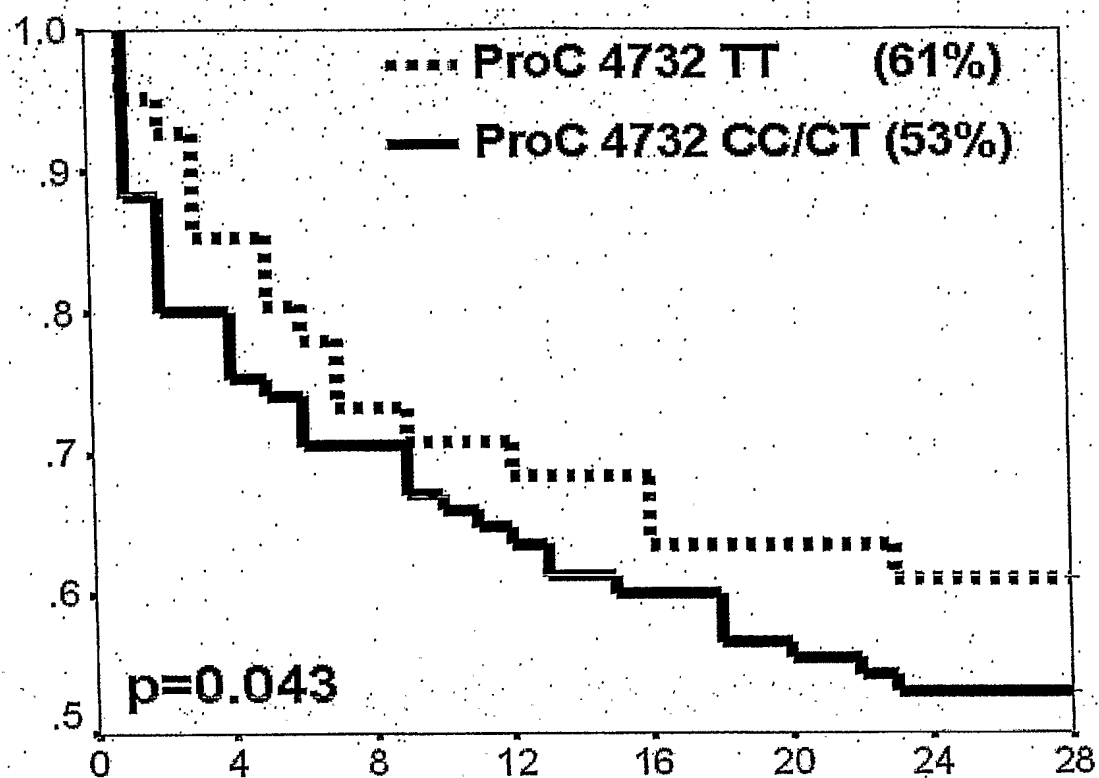
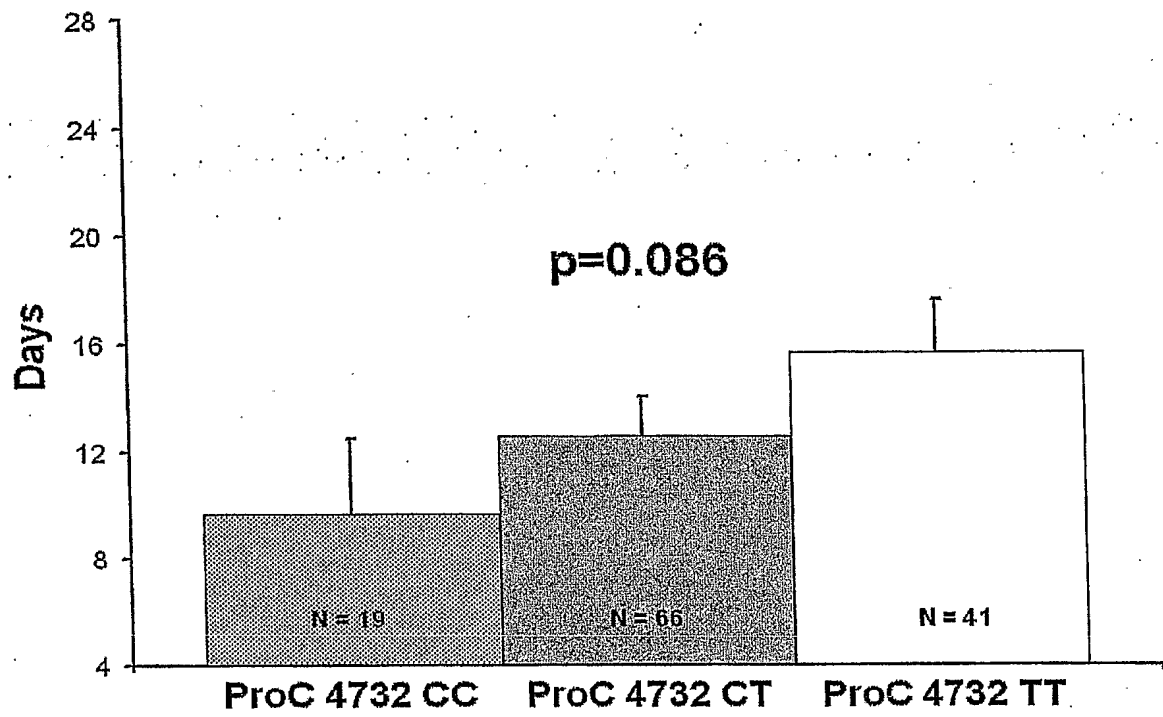


FIGURE 14

**FIGURE 15**

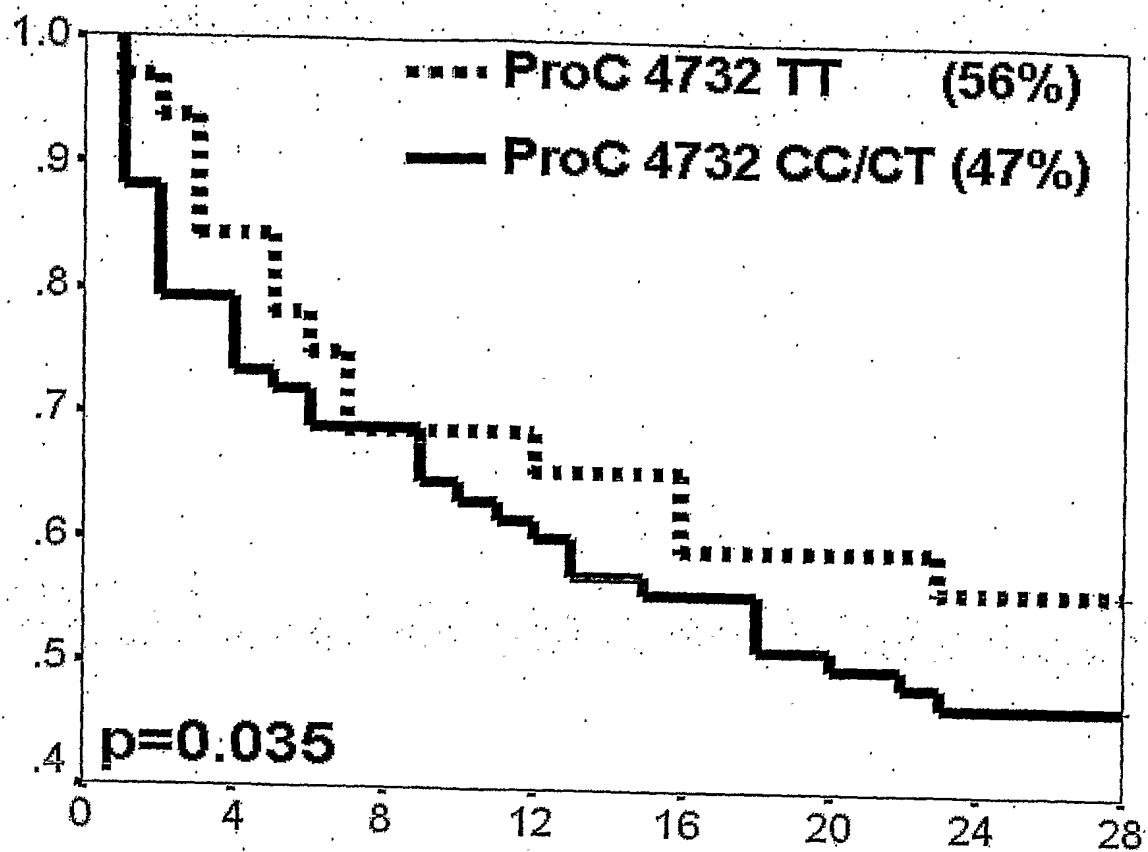
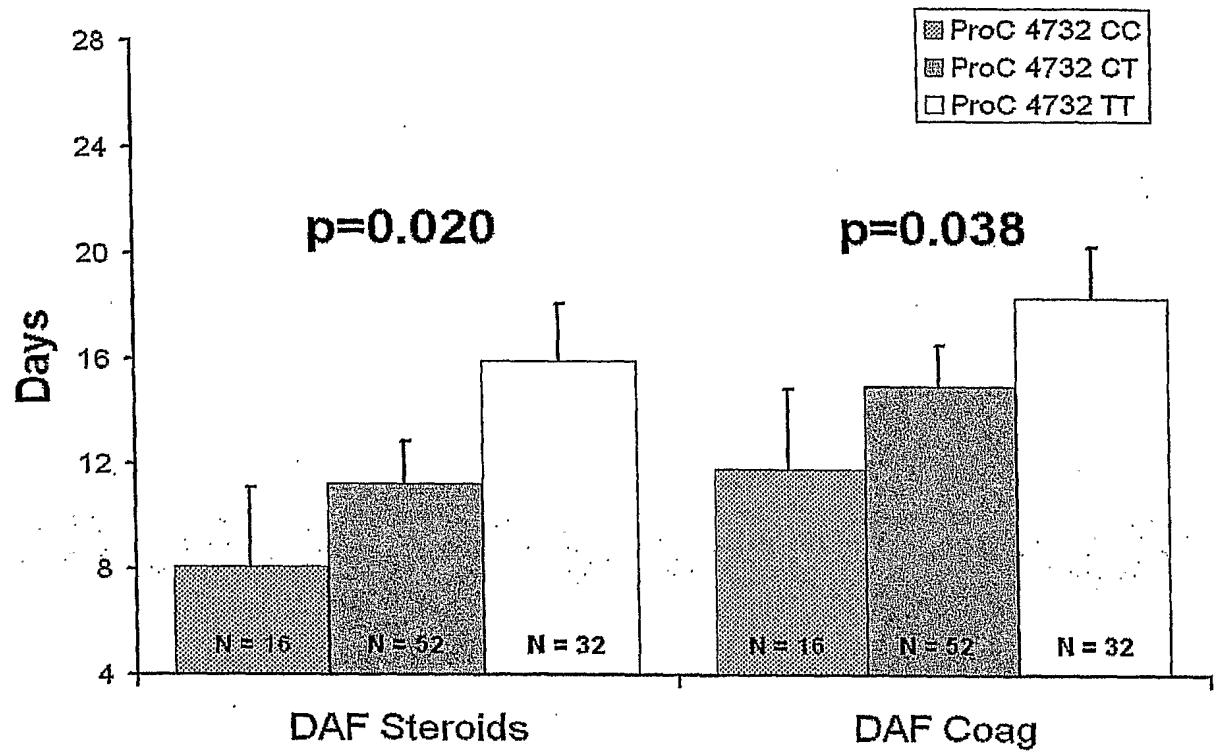


FIGURE 16

**FIGURE 17**